

FIG. 1

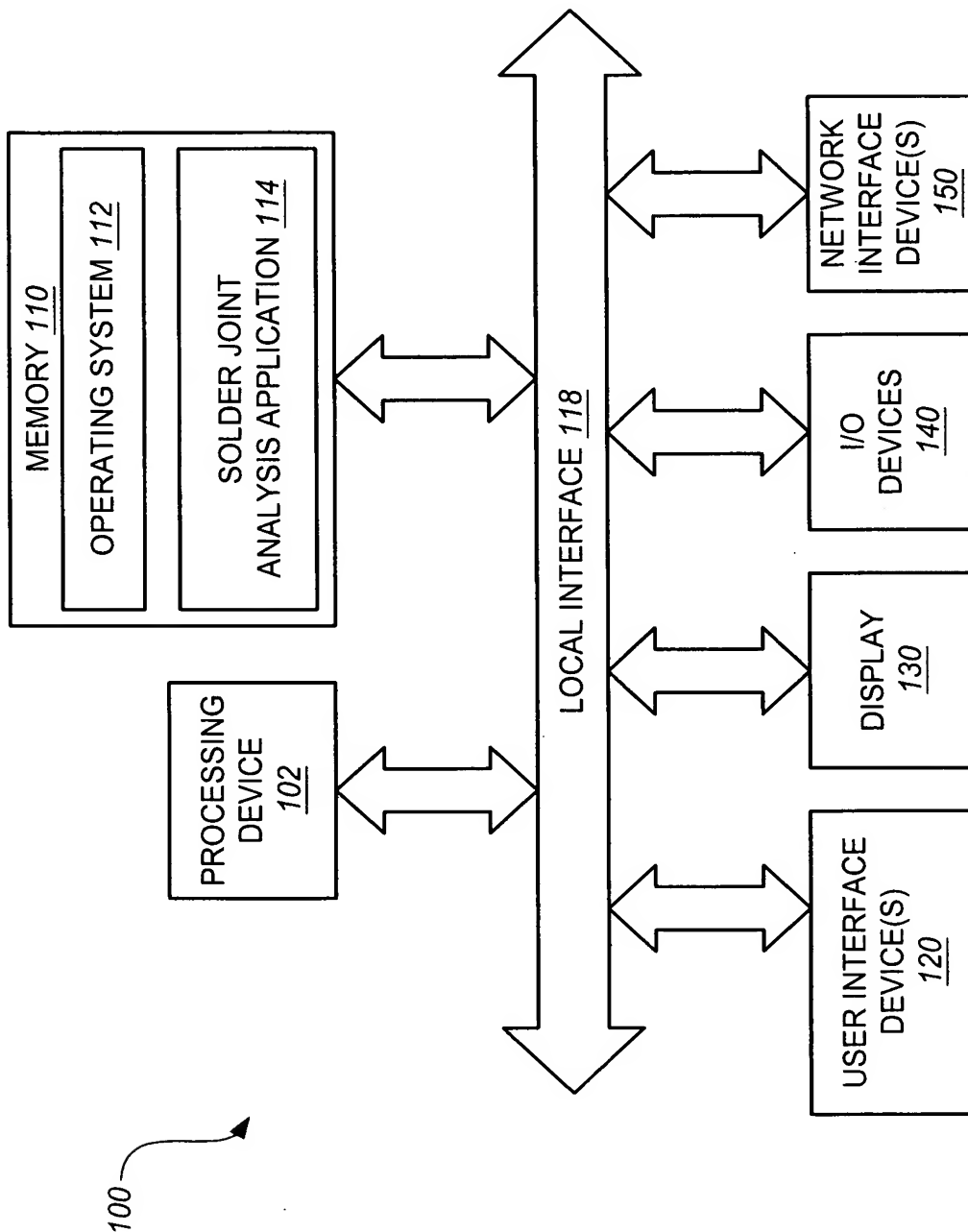


FIG. 1

APPROVED	O.G. FIG.
BY	CLASSIFIED
DRAFTSMAN	

FOUO "F2T" F0T4200T

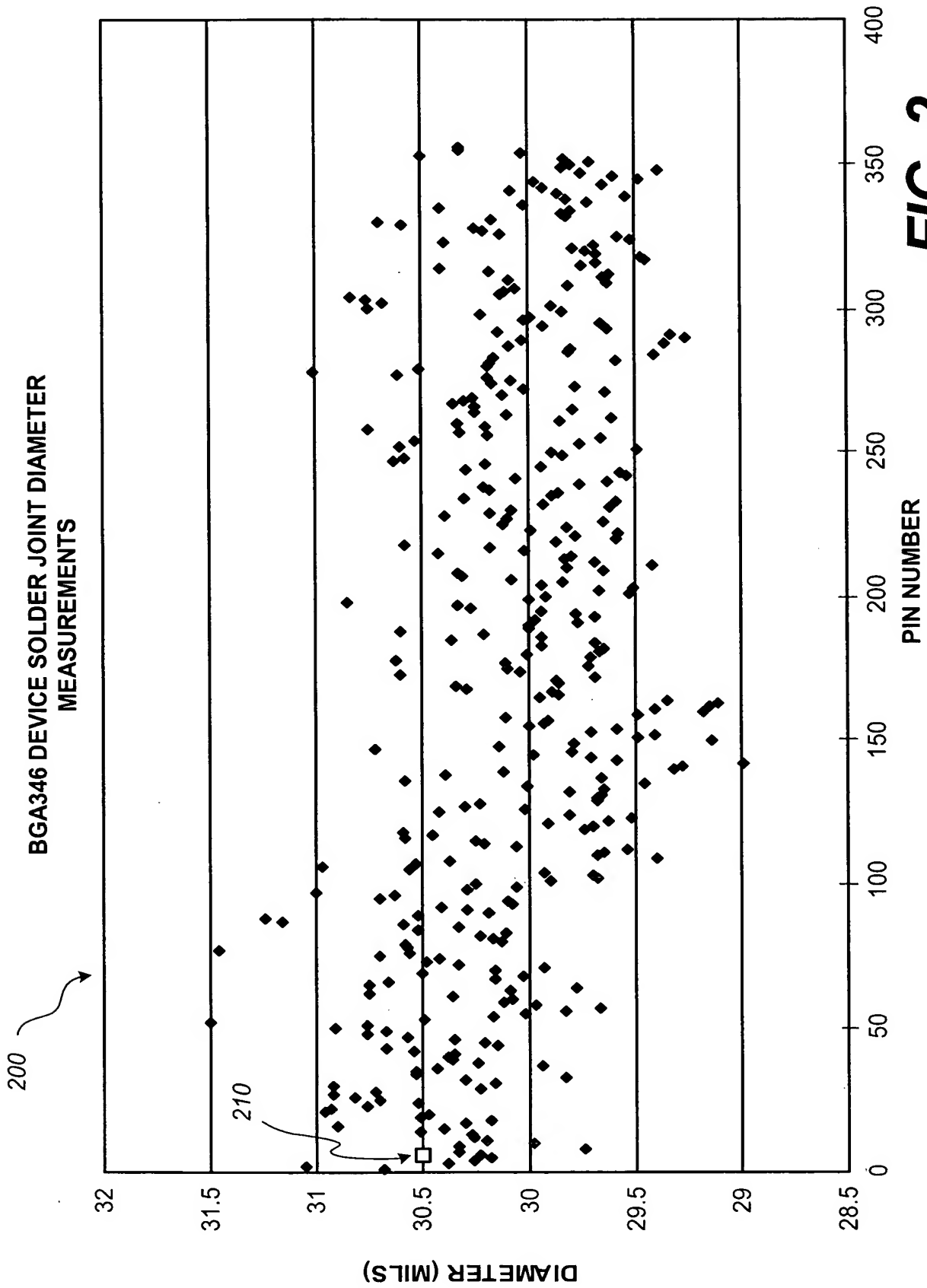


FIG. 2

APPROVED	Q.C. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

FOUO 2001

BGA347 DEVICE SOLDER JOINT DIAMETER MEASUREMENTS

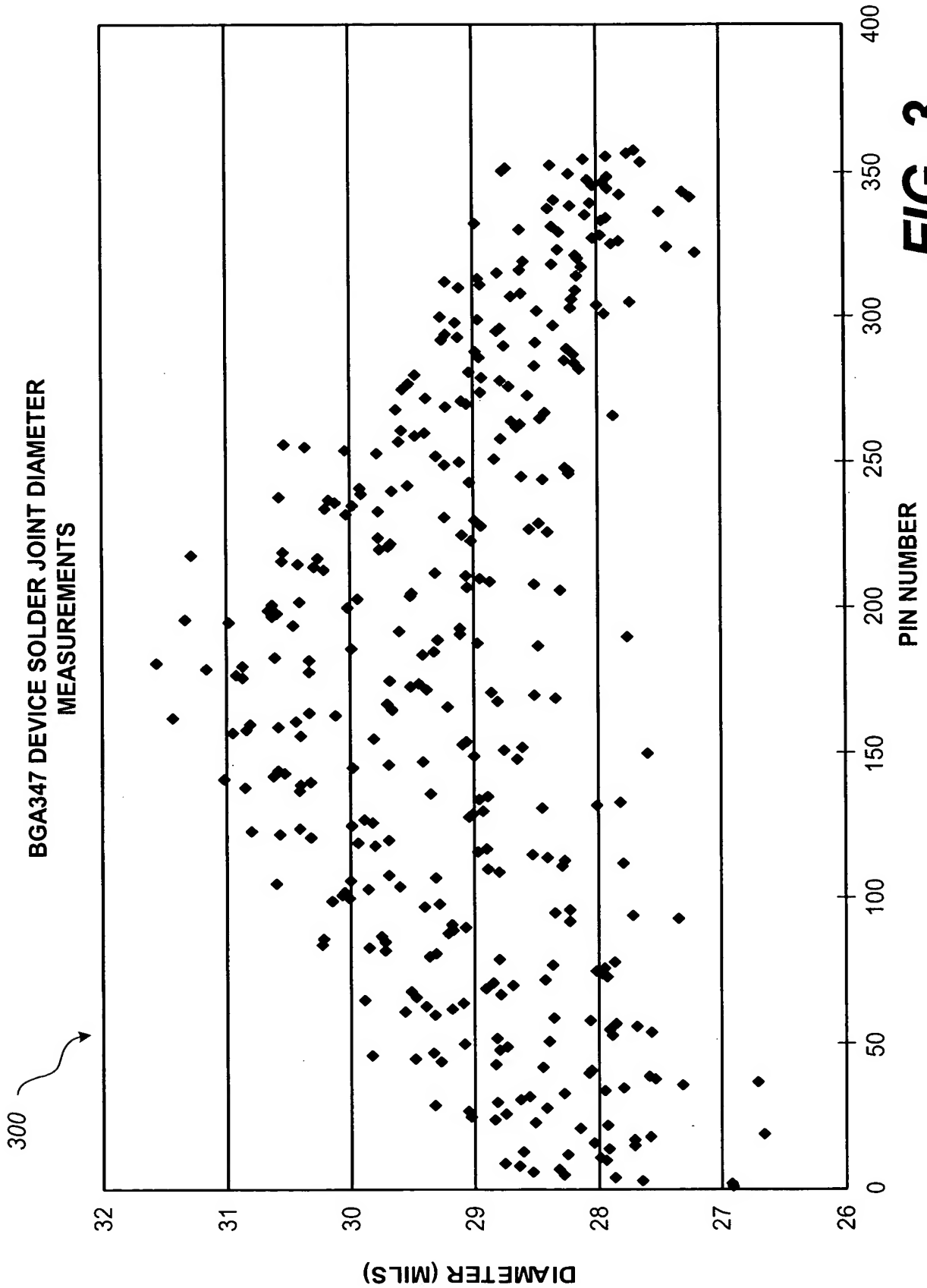


FIG. 3

APPROVED	O.G. FIG.
BY	Title: SYSTEM AND METHOD FOR ADAPTING TEST THRESHOLDS FOR IDENTIFYING SOLDER JOINT DEFECTS
DRAFTSMAN	Inventor: Tracy Ragland Agilent Technologies PDNO.: 100126-1

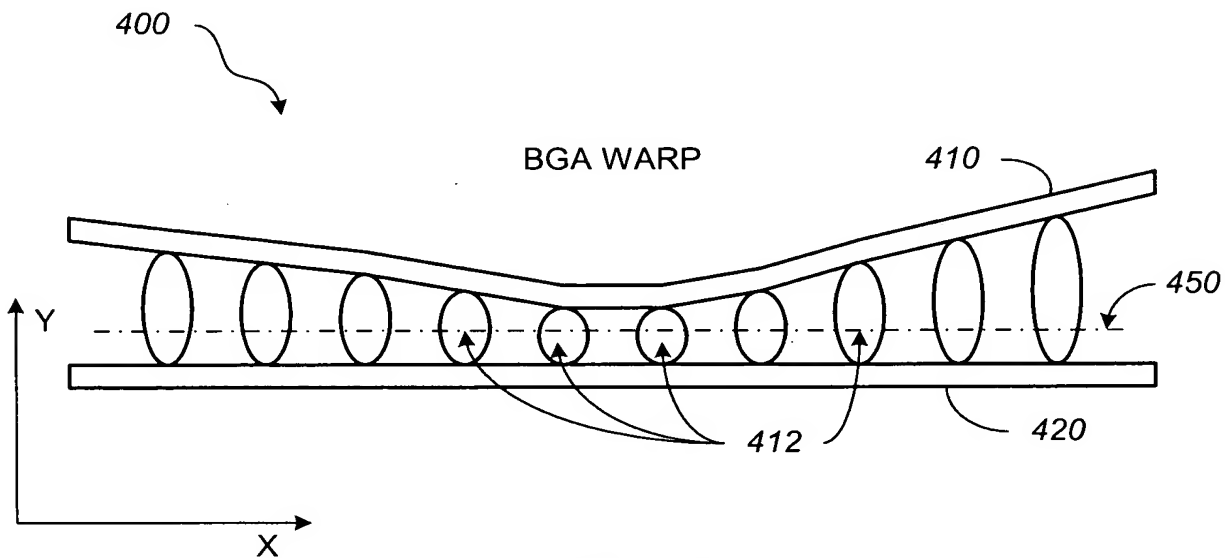


FIG. 4

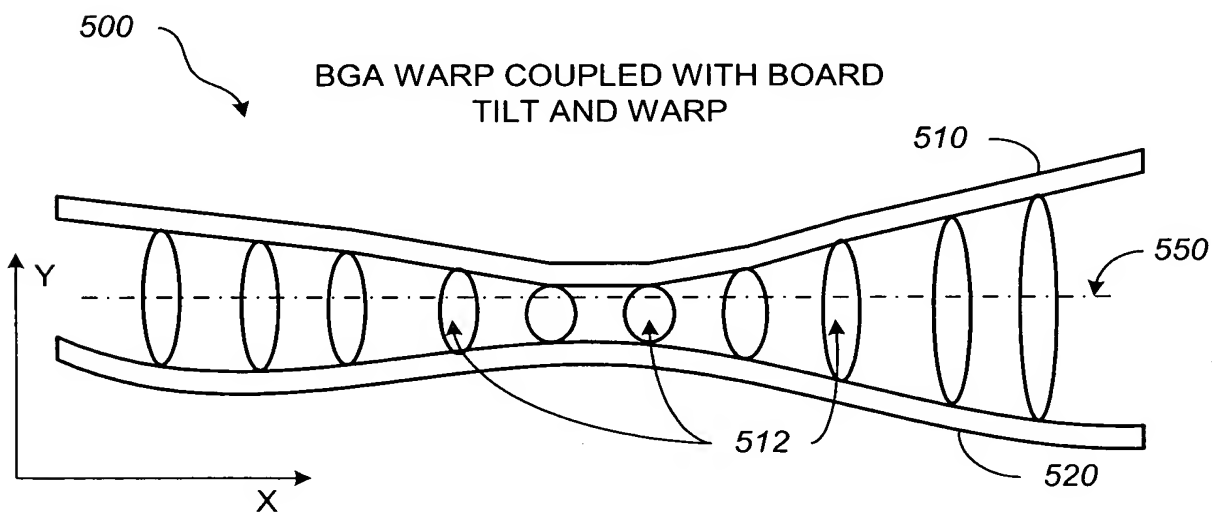


FIG. 5

1004101-12701

APPROVED	O.G. FILL
BY	Title
DRAFTSMAN	

600

DISTANCE FROM CENTROID
OF PACKAGE

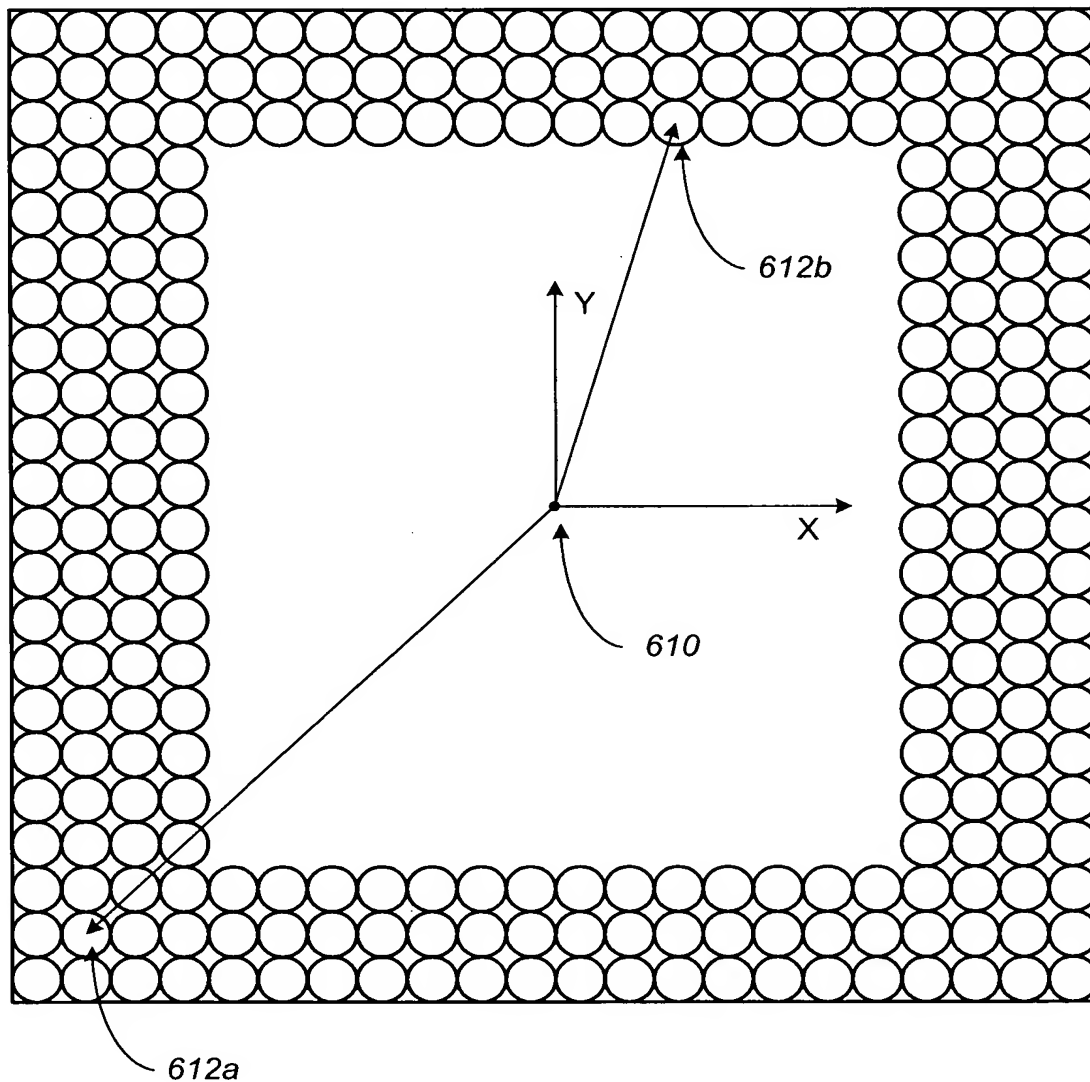


FIG. 6

10024-101-121701

APPROVED	O.G. FIG.
BY	Title: SYSTEM AND METHOD FOR ADAPTING TEST THRESHOLDS FOR IDENTIFYING SOLDER JOINT DEFECTS
DRAFTSMAN	Inventor: Nancy Ragland Agilent Technologies PDNO.: 10000026-1

FIG. 7

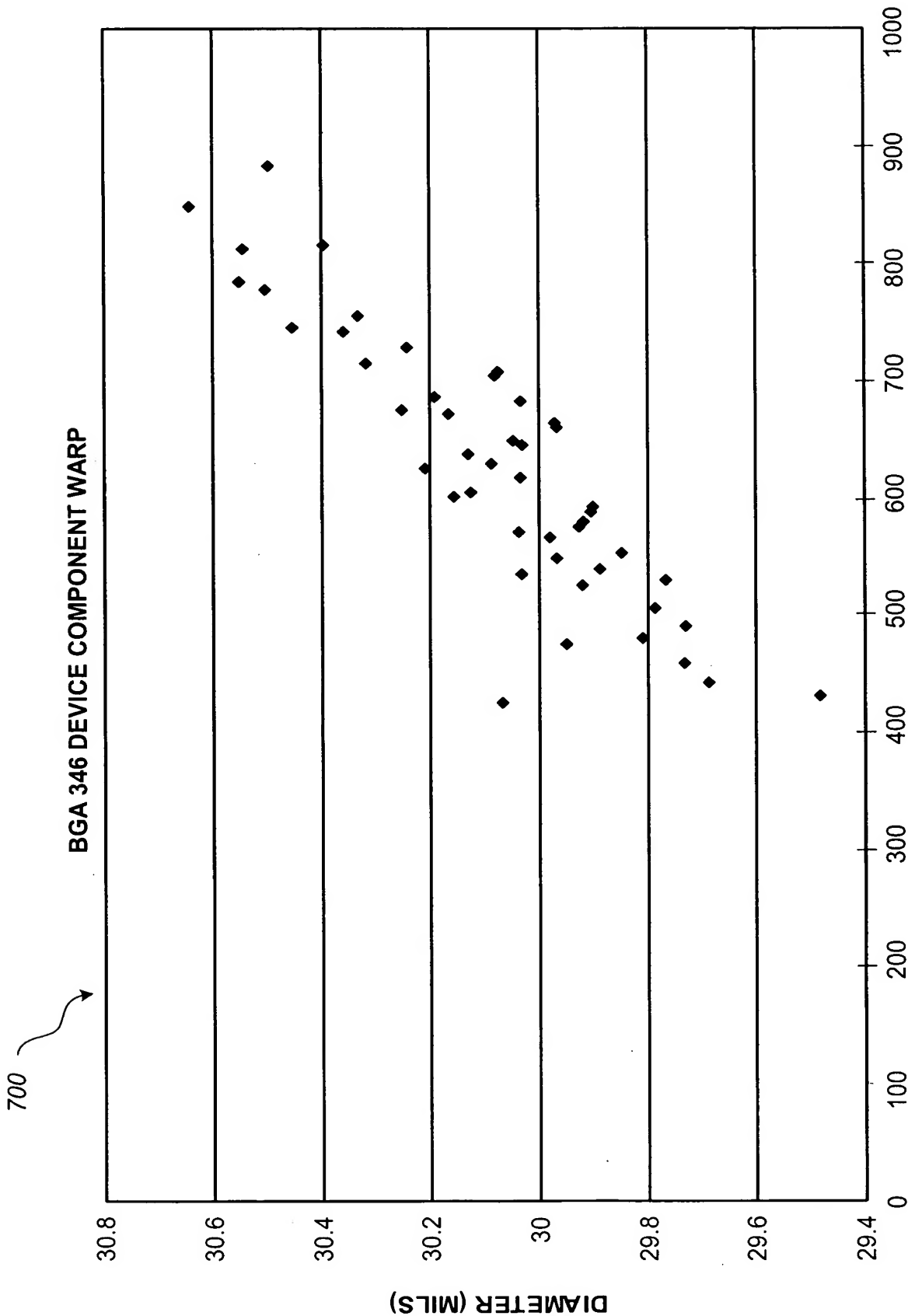


FIG. 7

APPROVED	O.G. RG.
BY	PLA SYSTEM
DRAFTSMAN	

FOOT FOOT

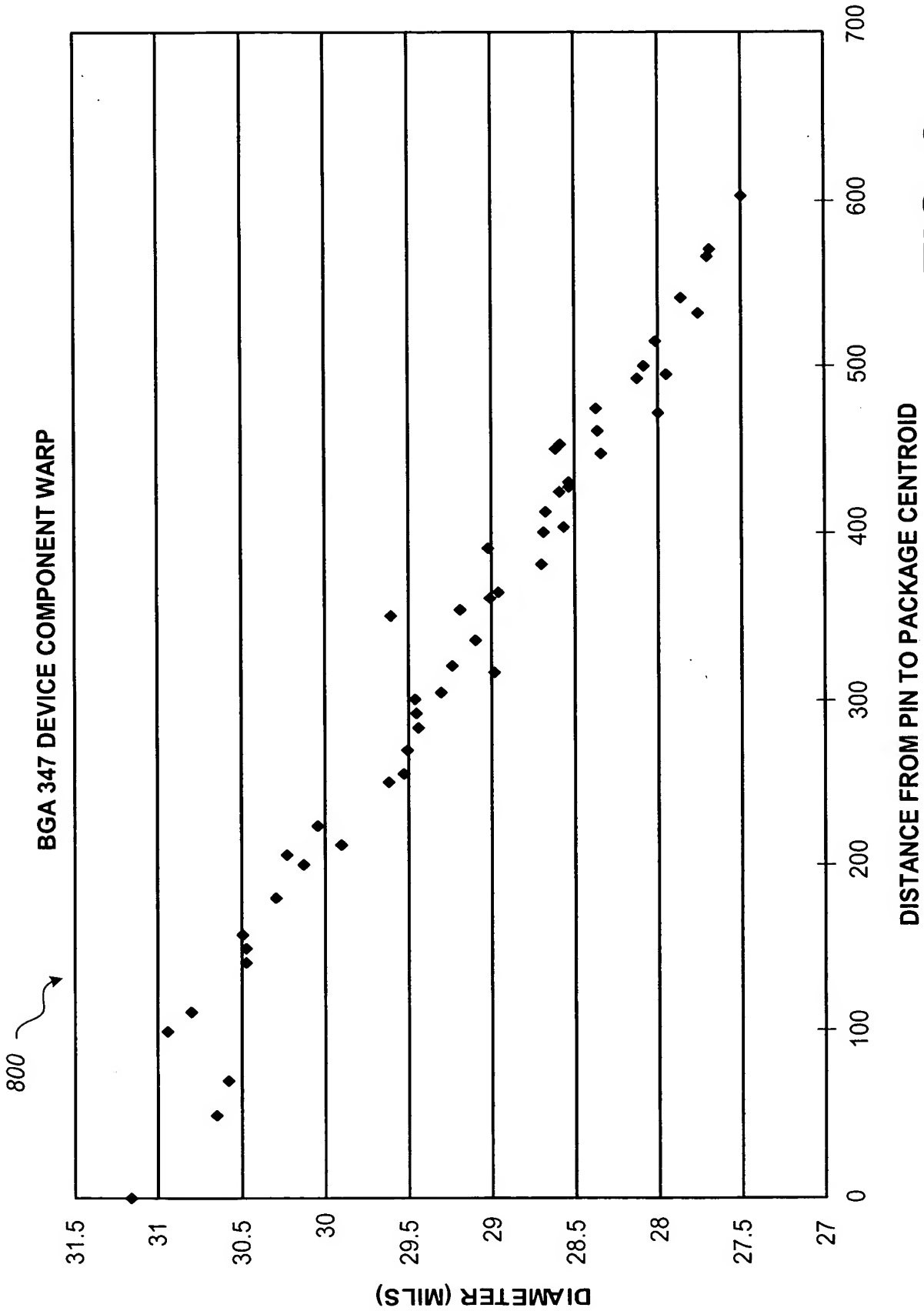


FIG. 8

APPROVED	O.G. FIG.
BY	DATE
DRAFTSMAN	

900

EXAGGERATED DIAMETER CHART FOR AN EXEMPLAR BGA346 PACKAGE

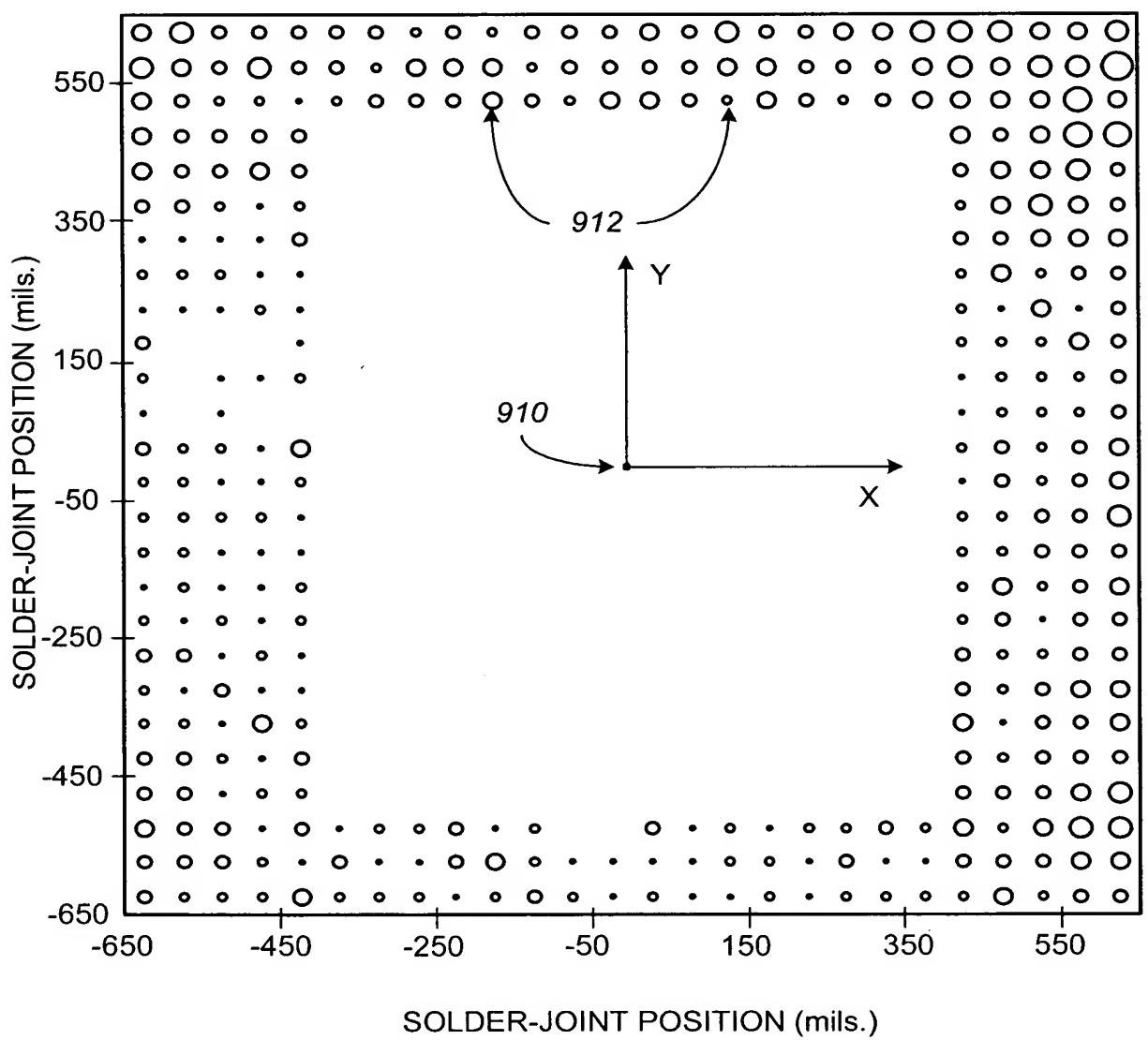


FIG. 9

APPROVED	O.C. FIG.
BY	CLASS
DRAFTSMAN	

1000

EXAGGERATED DIAMETER CHART FOR AN EXEMPLAR
 BGA347 PACKAGE

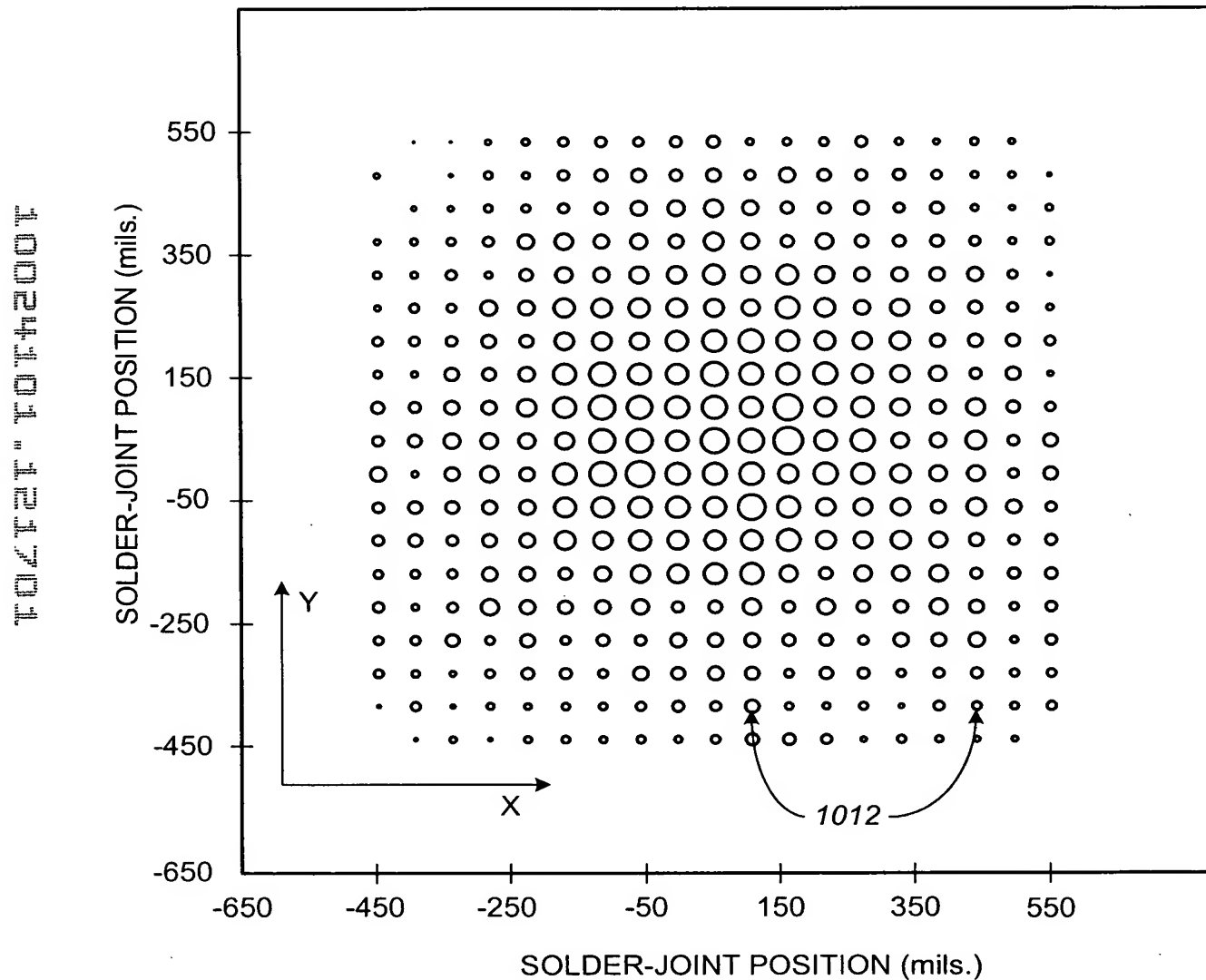


FIG. 10

1100

NEAR NEIGHBOR ANALYSIS

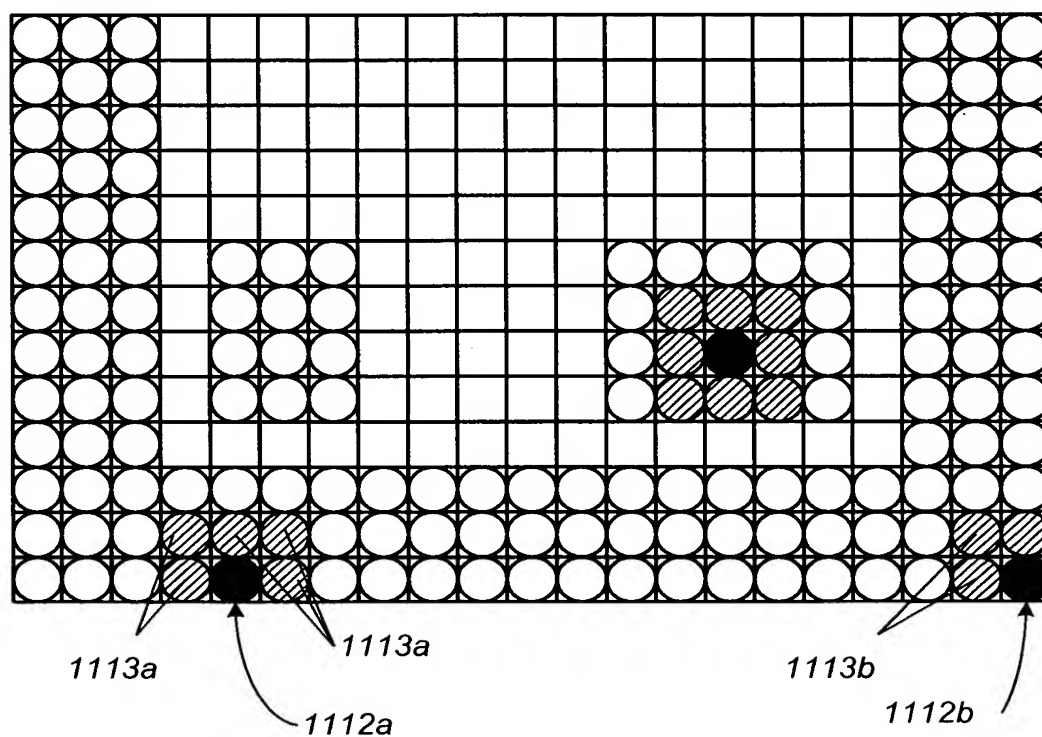


FIG. 11

APPROVED	O.G. FIG.
BY	Title: SYSTEM AND METHOD FOR ADAPTING TEST THRESHOLDS FOR IDENTIFYING SOLDER JOINT DEFECTS
DRAFTSMAN	Inventor: Nancy Ragland Agilent Technologies PDNO.: 1000026-1

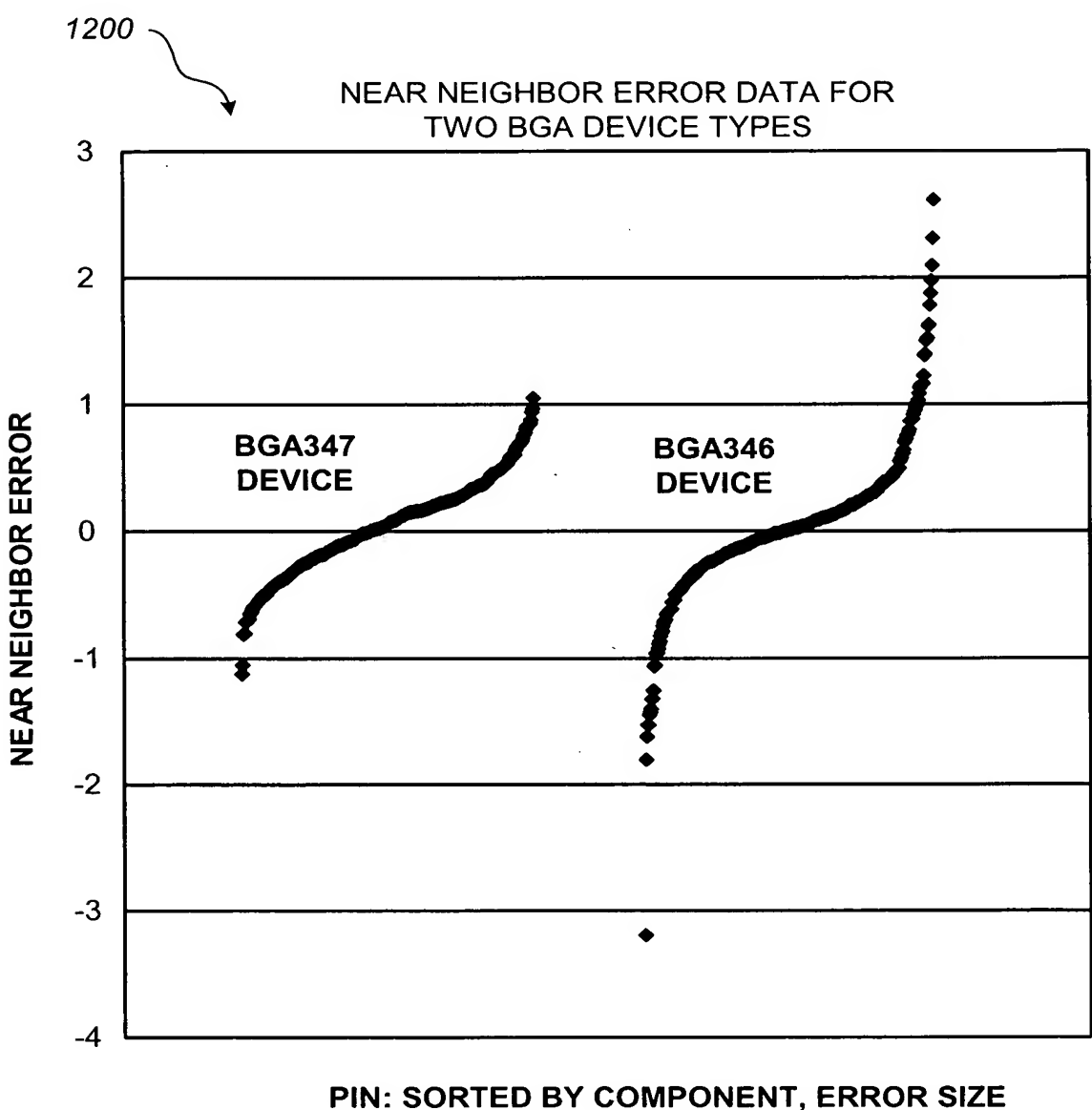


FIG. 12

APPROVED	O.G. FIG.
BY	TIME
DRAFTSMAN	CLASS

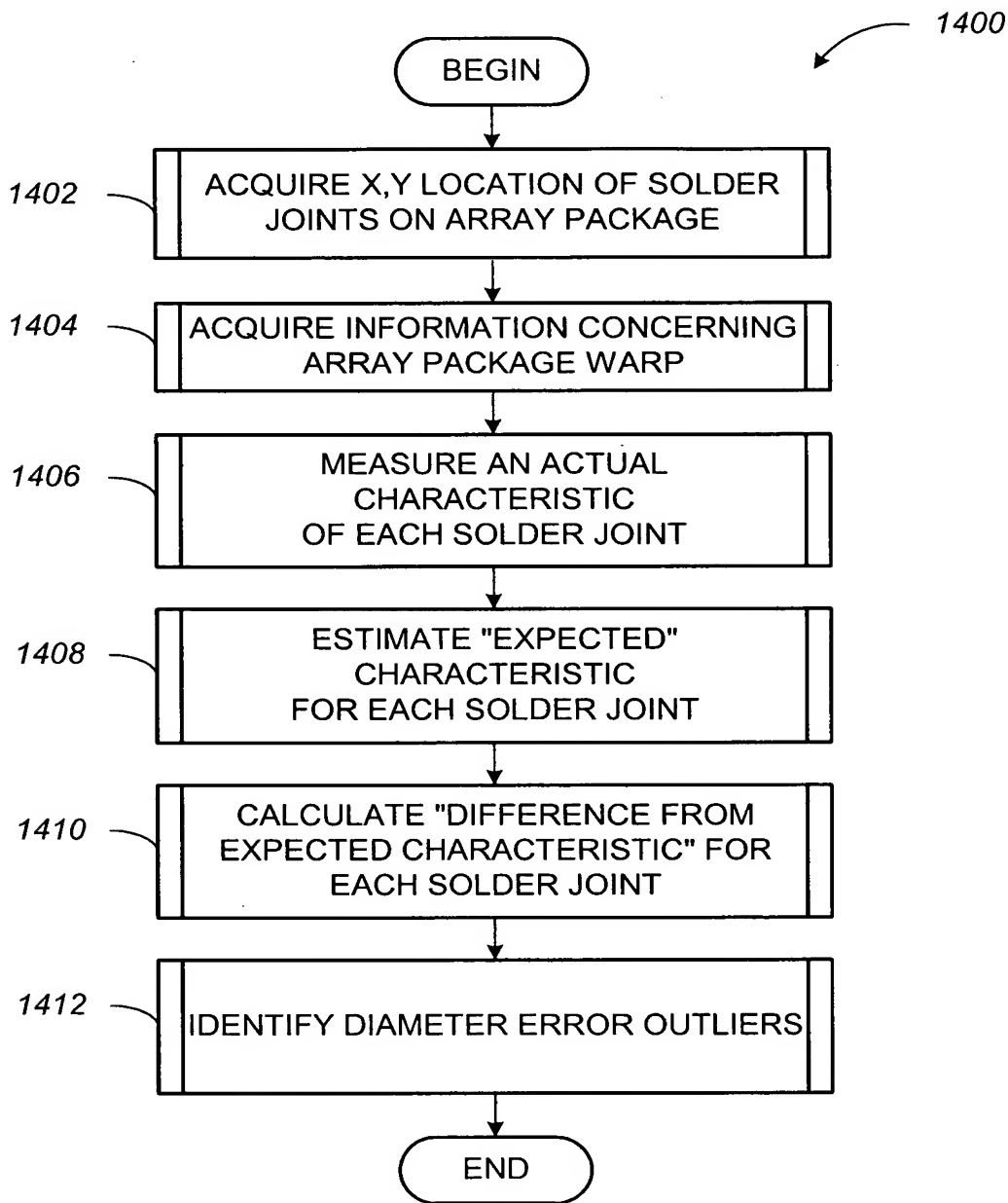


FIG. 14

FOOTNOTES

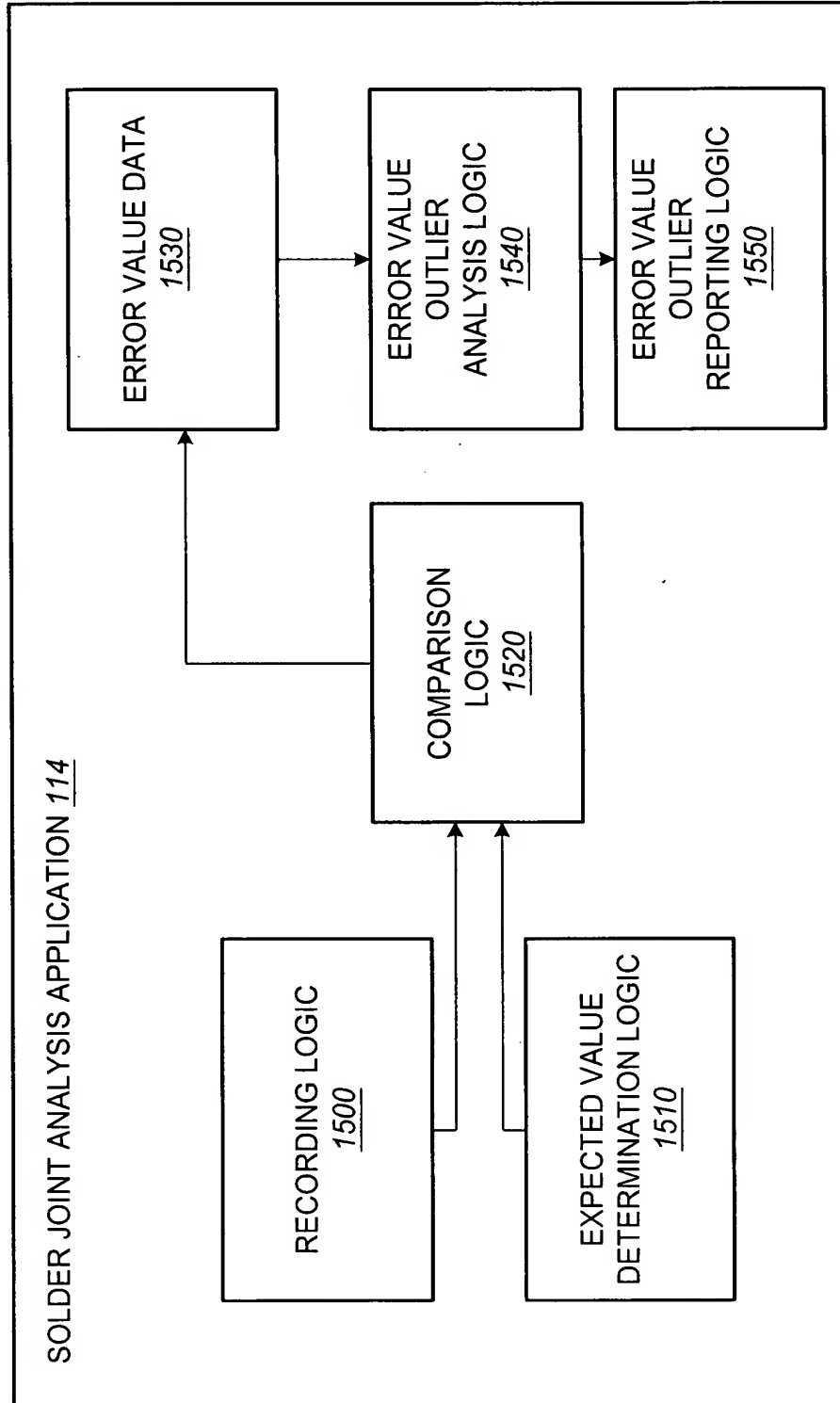


FIG. 15

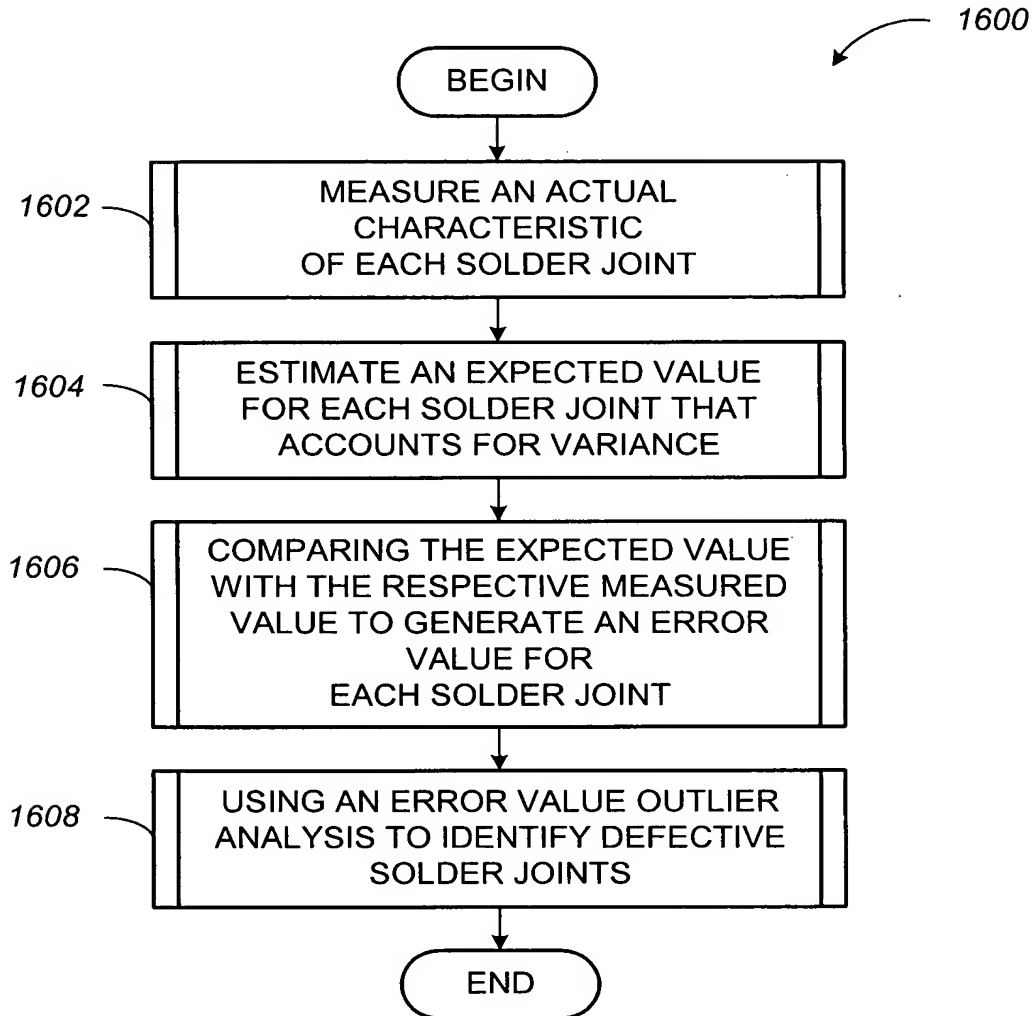


FIG. 16